

### Amendments to the Abstract

Please replace the Abstract of disclosure with the following rewritten Abstract. The amended and cleaned-up Abstract is also provided in a separate sheet.

Catalysts and catalyst systems useful for the olefin polymerization and copolymerization, and their synthesis procedure and usage are disclosed. These catalyst are a kind of novel complexes formed by transition metal from Group III ~~group 3~~ to Group XI ~~group 11~~ and multidentate ligand ~~wherein the catalysts have the following~~ having the formula:

